



Apple II Memory Expansion Cards

Ordering Information

**Apple IIgs Memory
Expansion Card**
Order No. A2B6002

With your order, you'll receive:

- ▶ Apple IIgs Memory Expansion Card
- ▶ User's guide

▶ Limited warranty statement
Dealer installation of this card is strongly recommended.

**Apple IIc Memory
Expansion Card**
Order No. A2B4156

With your order, you'll receive:

- ▶ Apple IIc Memory Expansion Card
- ▶ User's guide
- ▶ System Utilities disk

▶ Apple II Utilities guide
▶ Limited warranty statement
This card must be installed by an authorized Apple dealer.

**Apple IIc Memory
Expansion Kit**
Order No. A2P4130

With your order, you'll receive:

- ▶ Apple IIc Memory Expansion Card
- ▶ Apple IIc Upgrade Kit
- ▶ User's guide

▶ System Utilities disk
▶ Apple II Utilities guide
▶ Limited warranty statement
This kit must be installed by an authorized Apple dealer.

**Apple II Memory
Expansion Card**
Order No. A2B2086

With your order, you'll receive:

- ▶ Apple II Memory Expansion Card
- ▶ User's guide

▶ Limited warranty statement
Dealer installation of this card is strongly recommended.

**Apple 256K Memory
Expansion Kit**
Order No. A2M2058

To upgrade your card with more memory requires one or more Apple 256K Memory Expansion Kits. If you wish to have a total of 512K on the card, you will need one expansion kit; for 768K, two kits; for 1024K (1 megabyte), three kits. (Upgrading to 768K is not recommended for the Apple IIgs.)

If you have an Apple IIgs or Apple II Memory Expansion Card, dealer installation of the expansion kits is strongly recommended. With the Apple IIc Memory Expansion Card, installation of the expansion kits must be performed by an authorized Apple dealer.



Apple II Memory Expansion Cards

System Requirements

To use an Apple Memory Expansion Card, you'll need one of the following systems:

Apple IIgs Memory Expansion Card

- ▶ An Apple IIgs personal computer with a monitor and disk drive

Apple IIc Memory Expansion Card

- ▶ An Apple IIc personal computer (model number A2S4100) with a monitor

Apple IIc Memory Expansion Kit

- ▶ An Apple IIc personal computer (model number A2S4000) with a monitor

Apple II Memory Expansion Card

- ▶ An Apple IIe personal computer (preferably enhanced) with a monitor and disk drive
- ▶ An Apple II Plus or Apple II personal computer with a monitor and disk drive

Technical Specifications

Electrical requirements

- ▶ Voltage: 4.75 to 5.25 volts DC
- ▶ Power consumption

Apple IIgs Memory Expansion Card:

- Operating: 200 milliamps in 256-kilobyte configuration; 600 milliamps in 1-megabyte configuration
- Standby: 140 milliamps in 256-kilobyte configuration; 370 milliamps in 1-megabyte configuration.

Apple IIc Memory Expansion Card:

- Operating: 100 milliamps in 256-kilobyte configuration; 200 milliamps in 1-megabyte configuration
- Standby: 90 milliamps in 256-kilobyte configuration; 180 milliamps in 1-megabyte configuration.

Apple II Memory Expansion Card:

- Operating: 100 milliamps in 256K configuration; 200 milliamps in 1-megabyte configuration
- Standby: 50 milliamps in 256K configuration; 150 milliamps in 1-megabyte configuration

Miscellaneous

- ▶ Operating system compatibility: ProDOS®, DOS 3.3, or Pascal 1.3 (earlier versions of Pascal can be upgraded to version 1.3). (DOS 3.3 programs cannot be booted from the Memory Expansion Card.)

Environmental requirements

- ▶ Ambient temperature: 50° to 104° F (10° to 40° C)
- ▶ Relative humidity: 0% to 95% (noncondensing)